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(71) Applicant (for all designated States except US): **ALTER-  
NATIVE SOURCED COLLAGEN, LLC** [US/US]; 38  
Orris Avenue, Piscataway, NJ 08854 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **LAURITZEN, Nels,**  
J. [US/US]; 38 Orris Avenue, Piscataway, NJ 08854 (US).  
**NICHOLS, Joseph** [US/US]; 28 Longview Drive, Prince-  
ton, NJ 08540 (US).

(74) Agents: **KALOW, David** et al.; Kalow & Springut LLP,  
488 Madison Avenue, 19th Floor, New York, NY 10022  
(US).

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ance Notes on Codes and Abbreviations" appearing at the begin-  
ning of each regular issue of the PCT Gazette.

(54) Title: COMPOSITIONS AND METHODS COMPRISING COLLAGEN

(57) Abstract: In various embodiments, a collagen product is provided that is derived from an animal, the collagen product comprises precipitated collagen that is substantially pure. In various embodiments, the collagen is obtained from a marine animal and does not contain prions or viruses. In various embodiments, the collagen can be made or incorporated into collagen films, collagen membranes, cosmetic collagen masks, collagen sponges, gelatin, hemostasis sponges, lyophilized foams, collagen injections, artificial skins and dura, bones, cartilage, screws, shafts, stems, or tube guides.

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# INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/40034

## A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : A61K 38/17, 9/00; C07K 17/00  
US CL : 530/356, 355, 402, 418, 422, 427; 424/401, 423

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
U.S. : 530/356, 355, 402, 418, 422, 427; 424/401, 423

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
Please See Continuation Sheet

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X --- Y	Shadwick et al. Structure and function of tuna tail tendons. Comparative Biochemistry and Physiology Part A, 2002, Vol. 133, pages 1109-1125, especially pages 1109, 1111, 1112, 1115, 1121, Table 1 and Figure 5.	1, 3, 4, 6-12, 14, 21-25, 27 and 28 ----- 2, 13, 15-20, 26, 30, 34, 35
X --- Y	US 6,337,389 B1 (WOLFINBARGER, Jr.) 08 January 2002 (08.01.2002), cols. 2-6, 9-11 and Examples 1 and 3.	1, 5, 29 and 31-33 ----- 2-4, 6-28, 30, 34 and 35
Y	US 5,990,381 A (NISHIHARA) 23 November 1999 (23.11.1999) abstract, cols. 3, 4 and 8.	1-35
Y	US 6271,350 B1 (SHIMIZU et al) 07 August 2001 (07.08.2001) abstract, cols 2 and 6.	1-35
Y,P	US 6,660,280 B1 (ALLARD et al) 09 December 2003 (09.12.2003), abstarct, cols. 2 and 3, Examples 7 and 8 and claim 3.	1-35



Further documents are listed in the continuation of Box C.



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Mail Stop PCT, Attn: ISA/US  
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Facsimile No. (703) 305-3230

Authorized officer

Abdel A. Mohamed

Telephone No. (571) 272-1600

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Continuation of B. FIELDS SEARCHED Item 3:

APS, CAS ONLINE, MEDLIN, EMBASE, BIOSIS, WPIDS

search terms: Collagen, Marins or aquatic(5a)animal or swordfish or tuna or shark or salmon or cod or teleost?, Bone, or cartilage or skin or dermal or dura or screw or shaft or stent or gelatin or fil or mask or sponge or cosmetic or injection.